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PTO/SB/05 (03-01)

Approved for use through 10/31/2002 OMB 0651-0032
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 392150

First Inventor Petrenko, Victor F.

Title PLASMA-BASED DE-ICING

Express Mail Label No. EL820327193US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 21]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. Oath or Declaration [Total Pages 4]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

ACCOMPANYING APPLICATIONS PARTS

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies
9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement of Attorney (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Certificate of Express Mail (1 page)
Check #2420 for 527.00

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: ____ / ____
Prior application information: Examiner: ____ Group / Art Unit: ____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label or ☐ Correspondence address below
(Insert Customer No. or Attach bar code label here)

Name	Thomas Swenson				
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	Suite 300				
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Name (Print/Type)	Thomas Swenson	Registration No. (Attorney/Agent)	36,106
Signature	<i>Thomas Swenson</i>	Date	Jan. 9, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

**FEE TRANSMITTAL
for FY 2002**

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT (\$) 527

Complete if Known	
Application Number	Not yet assigned
Filing Date	Herewith
First Named Inventor	Petrenko, Victor F
Examiner Name	Not yet assigned
Group / Art Unit	Not yet assigned
Attorney Docket No	392150

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to		3. ADDITIONAL FEES	
Deposit Account Number	12-0600	Large Entity Fee Code	Small Entity Fee Code
Deposit Account Name	Lathrop & Gage L C	Fee (\$)	Fee (\$)
<input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17		Fee Description	Fee Paid
<input checked="" type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27		105 130 205 65	Surcharge - late filing fee or oath
2. <input checked="" type="checkbox"/> Payment Enclosed		127 50 227 25	Surcharge - late provisional filing fee or cover sheet
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other		139 130 139 130	Non-English specification
FEE CALCULATION		147 2,520 147 2,520	For filing a request for reexamination
1. BASIC FILING FEE		112 920* 112 920*	Requesting publication of SIR prior to Examiner action
Large Entity Fee Code	Small Entity Fee Code	113 1,840* 113 1,840*	Requesting publication of SIR after Examiner action
Fee (\$)	Fee (\$)	115 110 215 55	Extension for reply within first month
Fee Description	Fee Paid	116 400 216 200	Extension for reply within second month
101 740 201 370	Utility filing fee	117 920 217 460	Extension for reply within third month
106 330 206 165	Design filing fee	118 1,440 218 720	Extension for reply within fourth month
107 510 207 255	Plant filing fee	128 1,960 228 980	Extension for reply within fifth month
108 740 208 370	Reissue filing fee	119 320 219 160	Notice of Appeal
114 160 214 80	Provisional filing fee	120 320 220 160	Filing a brief in support of an appeal
SUBTOTAL (1) (\$ 370)		121 280 221 140	Request for oral hearing
2. EXTRA CLAIM FEES		138 1,510 138 1,510	Petition to institute a public use proceeding
Total Claims	Extra Claims	140 110 240 55	Petition to revive - unavoidable
33 -20 ** = 13	Fee from below	141 1,280 241 640	Petition to revive - unintentional
Independent Claims	Fee Paid	142 1,280 242 640	Utility issue fee (or reissue)
3 -3 ** = 0		143 460 243 230	Design issue fee
Multiple Dependent		144 620 244 310	Plant issue fee
		122 130 122 130	Petitions to the Commissioner
		123 50 123 50	Processing fee under 37 CFR 1.17 (q)
		126 180 126 180	Submission of Information Disclosure Stmt
		581 40 581 40	Recording each patent assignment per property (times number of properties)
		146 740 246 370	Filing a submission after final rejection (37 CFR § 1.129(a))
		149 740 249 370	For each additional invention to be examined (37 CFR § 1.129(b))
		179 740 279 370	Request for Continued Examination (RCE)
		169 900 169 900	Request for expedited examination of a design application
		Other fee (specify) _____	
SUBTOTAL (2) (\$ 117)		SUBTOTAL (3) (\$ 40)	
**or number previously paid, if greater, For Reissues, see above		*Reduced by Basic Filing Fee Paid	

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Thomas Swenson	Registration No. Attorney/Agent	36,696
Signature	<i>Thomas Swenson</i>	Telephone	(303)449-5800
		Date	Jan. 9, 2002

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IN THE UNITED STATES PATENT OFFICE

In re application of: Petrenko, Victor F.

Application No.: Not Assigned
Filed: Herewith

Group No.: Not Assigned
Examiner: Not Assigned

For: PLASMA-BASED DE-ICING

Box: Patent Application
Commissioner for Patents
Washington, D.C. 20231

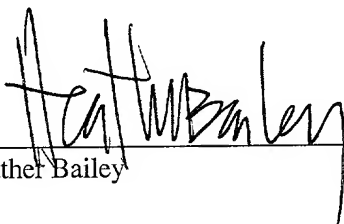
Express Mail Certificate

Express Mail label number EL820327193US
Date of Deposit: January 9, 2002

I hereby state that the following *attached* papers

1. Fee Transmittal (1 page)
2. New Application Transmittal (1 page)
3. Specification (17 pages)
4. Claims (3 pages, claims 1-33)
5. Abstract (1 page)
6. Drawings (6 pages)
7. Combined Declaration and Power of Attorney (4 pages)
8. Recordation Cover Sheet (2 pages)
9. Assignment (3 pages)
9. Check No.2420 in the amount of \$527.00
10. Express Mail Certificate (1 page)
11. Return Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above and is addressed to: Box: Patent Application; Commissioner for Patents, Washington, D.C. 20231.


Heather Bailey